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(54) Machine for forming metal bars.

(57) A machine for forming metal bars, in particular for producing ingots made of precious metal such as gold, silver, precious alloys, as well as other pure metals or different alloys, having an ingot mould and a cover for closing said ingot mould when filled, the ingot mould has a dimension in height such that said cover passes from a first position to a second position when the volume occupied by the mass of metal that fill said ingot mould reduces gradually up to one third of the initial solid volume; in said first position said cover rests on the metal that fill said ingot mold and remains raised with respect to the abutment of the edge of said ingot mould, in such a manner that the bottom of the cover compresses and thus uniformly compacts the powders, the grits or the swarf so that, during the melting step, in said second position, said cover lowers progressively as the metal melts, until it rests on said abutment, thus hermetically closing said ingot mould.

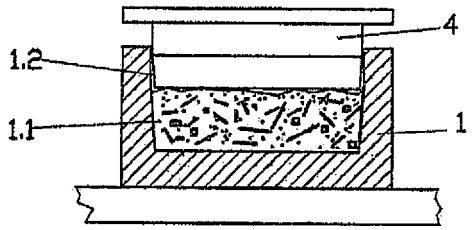


FIG.2

EP 2 730 349 A3

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EUROPEAN SEARCH REPORT

Application Number
EP 14 00 0449

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	US 2 264 446 A (EDGAR MARBURG) 2 December 1941 (1941-12-02) * the whole document * -----	1,2	
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			TECHNICAL FIELDS SEARCHED (IPC) B22D

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	1 February 2017	Scheid, Michael

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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01-02-2017

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